

APPARATUS AND METHOD FOR ADJUSTING THE SPECTRAL RESPONSE OF AN OPTICAL WAVEGUIDE GRATING

Abstract of the Disclosure

Apparatuses and methods for adjusting the spectral response of an optical
5 waveguide grating. A controlled extension is imparted to a surface of a support member
and an optical waveguide grating is attached to the extended surface. The controlled
extension is removed from the support member to create a compressive axial strain on the
grating, and the spectral response of the grating is subsequently adjusted by altering the
axial strain in the grating.